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 Group Art Unit: 1634
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1
SEQUENCE LISTING

<110> Crabtree, Gerald R.
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Flanagan, William M.

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 aggcgttacatgg agaccccttcg tgccttgcaccc cggccggcagc cttgttcccttcc cggagactgca 3537
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 gggggctggg ggcctgcaca ctgtgggtt ccccgccagca ctcccccctcc acctcgccca 3717
 gggccggcgtt cacttggggaggg agctgggtgg gttggccgttc ctccagaccc gggcccttcc 3777
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 ccacgtgttcc cccggccggc tcccccgggg tcaacgtgtac cggccgttgc acgttggcc 3897
 acaccacca gtacaccacgc tccggccatcg tggccggccat ctttttttttttcc accacccgaca 3957
 gcaacggccgtt cctggggagat ggcgttccctg tcaagttcccg caagaccaccc ctggggccggc 4017

agccctcagt ggccgtcaag gtggagcccg tcggggagga cctgggcage ccccccccc 4077
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caggcccgta tgagcttggg attgaggtgc agcccaagtc ccaccacccg gcccactacg 4317
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accgcctgtc gcgcggcgcgc gccttctacc aggtgcacccg catcacaggg aagacagtgt 4497
ccaccacccag ccacgaggct atcctctcca acaccaaagt cctggagatc ccactctgtc 4557
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acattgaact tcgcaaagga gagacggaca tcgggaggaa gaacacacgg gtacggctgg 4677
tgttcggcgt tcacgtcccc caacccagcg ggcgcacgcgt gtccctgcag gtggccctcca 4737
accccatcga atgcctcccg cgctcagctc aggagctgcc tctggtggag aagcagagca 4797
cgacagacta tccggcgtg ggccggaaaga agatggcct gtctggccac aacttctgc 4857
aggactccaa ggtcattttc gtggagaaag ccccaagatgg ccacccatgtc tgggagatgg 4917
aagcgaaaac tgaccggac ctgtgcagc cgaatttcgtt ggtggttgag atcccgccat 4977
ttcggaatca gaggataacc agccccgttc acgtcagttt ctacgtctgc aacggaaaga 5037
gaaaggaaag ccagtaccag cgtttcacct accttcccgcc caacggtaac gccattttc 5097
taaccgtaaag ccgtgaacat gagcgcgtgg ggtgcctttt ctaaagacgc agaaacgcacg 5157
tcgcgcgtaaa gcagcgtggc gtgttcaca tttactgtg tgatgtcccg ttagtgagac 5217
cgagccatcg atgcctgaa aaggaaagga aaaggaaagc ttccggatgc ttttccttgc 5277
tccctgttgg ggggtgggggg cgggggttgc atactcagat agtcacggtt attttgccttc 5337
ttgcgaatgt ataacagcca agggaaaac atggcttttc tgctccaaaa aactgagggg 5397
gtccctgggtgt gcatttgcac cctaaagctg cttacggtga aaaggcaaat aggtatacg 5457
attttgcagg cacctttagg aataaacttt gcttttaaaa aaaaa 5502

<210> 46
<211> 716
<212> PRT
<213> human

<400> 46
Met Pro Ser Thr Ser Phe Pro'Val Pro Ser Lys Phe Pro Leu Gly Pro
1 5 10 15

16

Glu Ala Ala Val Phe Gly Arg Gly Glu Thr Leu Gly Pro Ala Pro Arg
 20 25 30
 Ala Gly Gly Thr Met Lys Ser Ala Glu Glu His Tyr Gly Tyr Ala
 35 40 45
 Ser Ser Asn Val Ser Pro Ala Leu Pro Leu Pro Thr Ala His Ser Thr
 50 55 60
 Leu Pro Ala Pro Cys His Asn Leu Gln Thr Ser Thr Pro Gly Ile Ile
 65 70 75 80
 Pro Pro Ala Asp His Pro Ser Gly Tyr Gly Ala Ala Leu Asp Gly Gly
 85 90 95
 Pro Ala Gly Tyr Phe Leu Ser Ser Gly His Thr Arg Pro Asp Arg Ala
 100 105 110
 Pro Ala Leu Glu Ser Pro Arg Ile Glu Ile Thr Ser Cys Leu Gly Leu
 115 120 125
 Tyr His Asn Asn Asn Gln Phe Phe His Asp Val Glu Val Glu Asp Val
 130 135 140
 Leu Pro Ser Ser Lys Arg Ser Pro Ser Thr Ala Thr Leu Ser Leu Pro
 145 150 155 160
 Ser Leu Glu Ala Tyr Arg Asp Pro Ser Cys Leu Ser Pro Ala Ser Ser
 165 170 175
 Leu Ser Ser Arg Ser Cys Asn Ser Glu Ala Ser Ser Tyr Glu Ser Asn
 180 185 190
 Tyr Ser Tyr Pro Tyr Ala Ser Pro Gln Thr Ser Pro Trp Gln Ser Pro
 195 200 205
 Cys Val Ser Pro Lys Thr Thr Asp Pro Glu Glu Gly Phe Pro Arg Gly
 210 215 220
 Leu Gly Ala Cys Thr Leu Leu Gly Ser Pro Gln His Ser Pro Ser Thr
 225 230 235 240
 Ser Pro Arg Ala Ser Val Thr Glu Glu Ser Trp Leu Gly Ala Arg Ser
 245 250 255
 Ser Arg Pro Ala Ser Pro Cys Asn Lys Arg Lys Tyr Ser Leu Asn Gly
 260 265 270
 Arg Gln Pro Pro Tyr Ser Pro His His Ser Pro Thr Pro Ser Pro His
 275 280 285
 Gly Ser Pro Arg Val Ser Val Thr Asp Asp Ser Trp Leu Gly Asn Thr
 290 295 300
 Thr Gln Tyr Thr Ser Ser Ala Ile Val Ala Ala Ile Asn Glu Leu Thr
 305 310 315 320
 Thr Asp Ser Ser Leu Asp Leu Gly Asp Gly Val Pro Val Lys Ser Arg
 325 330 335

17

Lys Thr Thr Leu Glu Gln Gln Pro Ser Val Ala Leu Lys Val Glu Pro
340 345 350
Val Gly Glu Asp Leu Gly Ser Pro Pro Pro Pro Ala Asp Phe Ala Pro
355 360 365
Glu Asp Tyr Ser Ser Phe Gln His Ile Arg Lys Gly Gly Phe Cys Asp
370 375 380
Gln Tyr Leu Ala Val Pro Gln His Pro Tyr Gln Trp Ala Lys Pro Lys
385 390 395 400
Pro Leu Ser Pro Thr Ser Tyr Met Ser Pro Thr Leu Pro Ala Leu Asp
405 410 415
Trp Gln Leu Pro Ser His Ser Gly Pro Tyr Glu Leu Arg Ile Glu Val
420 425 430
Gln Pro Lys Ser His His Arg Ala His Tyr Glu Thr Glu Gly Ser Arg
435 440 445
Gly Ala Val Lys Ala Ser Ala Gly Gly His Pro Ile Val Gln Leu His
450 455 460
Gly Tyr Leu Glu Asn Glu Pro Leu Met Leu Gln Leu Phe Ile Gly Thr
465 470 475 480
Ala Asp Asp Arg Leu Leu Arg Pro His Ala Phe Tyr Gln Val His Arg
485 490 495
Ile Thr Gly Lys Thr Val Ser Thr Thr Ser His Glu Ala Ile Leu Ser
500 505 510
Asn Thr Lys Val Leu Glu Ile Pro Leu Leu Pro Glu Asn Ser Met Arg
515 520 525
Ala Val Ile Asp Cys Ala Gly Ile Leu Lys Leu Arg Asn Ser Asp Ile
530 535 540
Glu Leu Arg Lys Gly Glu Thr Asp Ile Gly Arg Lys Asn Thr Arg Val
545 550 555 560
Arg Leu Val Phe Arg Val His Val Pro Gln Pro Ser Gly Arg Thr Leu
565 570 575
Ser Leu Gln Val Ala Ser Asp Pro Ile Glu Cys Ser Gln Arg Ser Ala
580 585 590
Gln Glu Leu Pro Leu Val Glu Lys Gln Ser Thr Asp Ser Tyr Pro Val
595 600 605
Val Gly Gly Lys Lys Met Val Leu Ser Gly His Asn Phe Leu Gln Asp
610 615 620
Ser Lys Val Ile Phe Val Glu Lys Ala Pro Asp Gly His His Val Trp
625 630 635 640
Glu Met Glu Ala Lys Thr Asp Arg Asp Leu Cys Lys Pro Asn Ser Leu
645 650 655

Val Val Glu Ile Pro Pro Phe Arg Asn Gln Arg Ile Thr Ser Pro Val
660 665 670

His Val Ser Phe Tyr Val Cys Asn Gly Lys Arg Lys Gly Ser Gln Tyr
675 680 685

Gln Arg Phe Thr Tyr Leu Pro Ala Asn Gly Asn Ala Ile Phe Leu Thr
690 695 700

Val Ser Arg Glu His Glu Arg Val Gly Cys Phe Phe
705 710 715

<210> 47

<211> 302

<212> PRT

<213> Drosophila

<400> 47
Thr Lys Asn Val Arg Lys Lys Pro Tyr Val Lys Ile Thr Glu Gln Pro
1 5 10 15

Ala Gly Lys Ala Leu Arg Phe Arg Tyr Glu Cys Glu Gly Arg Ser Ala
20 25 30

Gly Ser Ile Pro Gly Val Asn Ser Thr Pro Glu Asn Lys Thr Tyr Pro
35 40 45

Thr Ile Glu Ile Val Gly Tyr Lys Gly Arg Ala Val Val Val Val Ser
50 55 60

Cys Val Thr Lys Asp Thr Pro Tyr Arg Pro His Pro His Asn Leu Val
65 70 75 80

Gly Lys Glu Gly Cys Lys Lys Gly Val Cys Thr Leu Glu Ile Asn Ser
85 90 95

Glu Thr Met Arg Ala Val Phe Ser Asn Leu Gly Ile Gln Cys Val Lys
100 105 110

Lys Lys Asp Ile Glu Ala Ala Leu Lys Ala Arg Glu Glu Ile Arg Val
115 120 125

Asp Pro Phe Lys Thr Gly Phe Ser His Arg Phe Gln Pro Ser Ser Ile
130 135 140

Asp Leu Asn Ser Val Arg Leu Cys Phe Gln Val Phe Met Glu Ser Glu
145 150 155 160

Gln Lys Gly Arg Phe Thr Ser Pro Leu Pro Pro Val Val Ser Glu Pro
165 170 175

Ile Phe Asp Lys Ala Met Ser Asp Leu Val Ile Cys Arg Leu Cys
180 185 190

Ser Cys Ser Ala Thr Val Phe Gly Asn Thr Gln Ile Ile Leu Leu Cys
195 200 205

Glu Lys Val Ala Lys Glu Asp Ile Ser Val Arg Phe Phe Glu Glu Lys
210 215 220

Asn Gly Gln Ser Val Trp Glu Ala Phe Gly Asp Phe Gln His Thr Asp
225 230 235 240

Val His Lys Gln Thr Ala Ile Thr Phe Lys Thr Pro Arg Tyr His Thr
245 250 255

Leu Asp Ile Thr Glu Pro Ala Lys Val Phe Ile Gln Leu Arg Arg Pro
260 265 270

Ser Asp Gly Val Thr Ser Glu Ala Leu Pro Phe Glu Tyr Val Pro Met
275 280 285

Asp Ser Asp Pro Ala His Leu Arg Arg Lys Arg Gln Lys Thr
290 295 300

<210> 48

<211> 296

<212> PRT

<213> human

<400> 48

Met Ala Ser Gly Leu Tyr Asn Pro Tyr Ile Glu Ile Ile Glu Gln Pro
1 5 10 15

Arg Gln Arg Gly Met Arg Phe Arg Tyr Lys Cys Glu Gly Arg Ser Ala
20 25 30

Gly Ser Ile Pro Gln Glu His Ser Thr Asp Asn Asn Arg Thr Tyr Pro
35 40 45

Ser Ile Asn Ile Met Asn Tyr Tyr Gly Arg Gly Lys Val Arg Ile Thr
50 55 60

Leu Val Thr Lys Asn Asp Pro Tyr Lys Pro His Pro His Asp Leu Val
65 70 75 80

Gly Lys Asp Cys Arg Asp Gly Tyr Tyr Glu Ala Glu Phe Gly Asn Glu
85 90 95

Arg Arg Pro Leu Phe Phe Gln Asn Leu Gly Ile Arg Cys Val Lys Lys
100 105 110

Lys Glu Val Lys Glu Ala Ile Ile Thr Arg Ile Lys Ala Gly Ile Asn
115 120 125

Pro Phe Asn Val Pro Glu Lys Gln Leu Asn Asp Ile Glu Asp Cys Asp
130 135 140

Leu Asn Val Val Arg Leu Cys Phe Gln Val Phe Leu Pro Asp Glu His
145 150 155 160

Gly Asn Leu Thr Thr Ala Leu Pro Pro Val Val Ser Asn Pro Ile Tyr
165 170 175

Asp Asn Arg Ala Pro Asn Thr Ala Glu Leu Arg Ile Cys Arg Val Asn
180 185 190

Lys Asn Cys Gly Ser Val Arg Gly Gly Asp Glu Ile Phe Leu Leu Cys
195 200 205

NOV 10 2004 14:10 FR ROPES AND GRAY

TO 1169000000091571 P.21

20

Asp Lys Val Gln Lys Asp Asp Ile Glu Val Arg Phe Val Leu Asn Asp
210 215 220

Trp Glu Ala Lys Gly Ile Phe Ser Gln Ala Asp Val His Arg Gln Val
225 230 235 240

Ala Ile Val Phe Lys Thr Pro Pro Tyr Cys Lys Ala Ile Thr Glu Pro
245 250 255

Val Thr Val Lys Met Gln Leu Arg Arg Pro Ser Asp Gln Glu Val Ser
260 265 270

Glu Ser Met Asp Phe Arg Tyr Leu Pro Asp Glu Lys Asp Thr Tyr Gly
275 280 285

Asn Lys Ala Lys Lys Gln Lys Thr
290 295

<210> 49
<211> 332
<212> PRT
<213> human

<400> 49
Ile Pro Leu Ser Thr Asp Gly Pro Tyr Leu Gln Ile Leu Glu Gln Pro
1 5 10 15

Lys Gln Arg Gly Phe Arg Phe Tyr Val Cys Glu Gly Pro Ser His
20 25 30

Gly Gly Leu Pro Gly Ala Ser Ser Glu Lys Asn Lys Lys Ser Tyr Pro
35 40 45

Gln Val Lys Ile Cys Asn Tyr Val Gly Pro Ala Lys Val Ile Val Gln
50 55 60

Leu Val Thr Asn Gly Lys Asn Ile His Leu His Ala His Ser Leu Val
65 70 75 80

Gly Lys His Cys Glu Asp Gly Val Cys Thr Val Thr Ala Gly Pro Lys
85 90 95

Asp Met Val Val Gly Phe Ala Asn Leu Gly Ile Leu His Val Thr Lys
100 105 110

Lys Lys Val Phe Glu Thr Leu Glu Ala Arg Met Thr Glu Ala Cys Ile
115 120 125

Arg Gly Tyr Asn Pro Gly Leu Leu Val His Ser Asp Leu Ala Tyr Leu
130 135 140

Gln Ala Glu Gly Gly Asp Arg Gln Leu Thr Asp Arg Glu Lys Glu
145 150 155 160

Ile Ile Arg Gln Ala Ala Val Gln Gln Thr Lys Glu Met Asp Leu Ser
165 170 175

Val Val Arg Leu Met Phe Thr Ala Phe Leu Pro Asp Ser Thr Gly Ser
180 185 190

NOV 10 2004 14:10 FR ROPES AND GRAY

TO 1169000000091571 P.22

21

Phe Thr Arg Arg Leu Glu Pro Val Val Ser Asp Ala Ile Tyr Asp Ser
195 200 205

Lys Ala Pro Asn Ala Ser Asn Leu Lys Ile Val Arg Met Asp Arg Thr
210 215 220

Ala Gly Cys Val Thr Gly Gly Glu Glu Ile Tyr Leu Leu Cys Asp Lys
225 230 235 240

Val Gln Lys Asp Asp Ile Gln Ile Arg Phe Tyr Glu Glu Glu Asn
245 250 255

Gly Gly Val Trp Glu Gly Phe Gly Asp Phe Ser Pro Thr Asp Val His
260 265 270

Arg Gln Phe Ala Ile Val Phe Lys Thr Pro Lys Tyr Lys Asp Val Asn
275 280 285

Ile Thr Lys Pro Ala Ser Val Phe Val Gln Leu Arg Arg Lys Ser Asp
290 295 300

Leu Glu Thr Ser Glu Pro Lys Pro Phe Leu Tyr Tyr Pro Glu Ile Lys
305 310 315 320

Asp Lys Glu Glu Val Gln Arg Lys Arg Gln Lys Leu
325 330

<210> 50

<211> 295

<212> PRT

<213> human

<400> 50

Glu Pro Ala Gln Ala Ser Gly Pro Tyr Val Glu Ile Ile Glu Gln Pro
1 5 10 15

Lys Gln Arg Gly Met Arg Phe Arg Tyr Lys Cys Glu Gly Arg Ser Ala
20 25 30

Gly Ser Ile Pro Gly Glu Arg Ser Thr Asp Thr Thr Lys Thr His Pro
35 40 45

Thr Ile Lys Ile Asn Gly Tyr Thr Gly Pro Gly Thr Val Arg Ile Ser
50 55 60

Leu Val Thr Lys Asp Pro Pro His Arg Pro His Pro His Glu Leu Val
65 70 75 80

Gly Lys Asp Cys Arg Asp Gly Tyr Tyr Glu Ala Asp Leu Cys Pro Asp
85 90 95

Arg Asp Ser Ile His Ser Phe Gln Asn Leu Gly Ile Gln Cys Val Lys
100 105 110

Lys Arg Asp Leu Glu Gln Ala Ile Ser Gln Arg Ile Gln Thr Asn Asn
115 120 125

Asn Pro Phe His Val Pro Ile Glu Glu Gln Arg Gly Asp Tyr Asp Leu
130 135 140

22

Asn Ala Val Arg Leu Cys Phe Gln Val Thr Val Arg Asp Pro Ala Gly
 145 150 155 160
 Arg Pro Leu Leu Leu Thr Pro Val Leu Ser His Pro Ile Phe Asp Asn
 165 170 175
 Arg Ala Pro Asn Thr Ala Glu Leu Lys Ile Cys Arg Val Asn Arg Asn
 180 185 190
 Ser Gly Ser Cys Leu Gly Gly Asp Glu Ile Phe Leu Leu Cys Asp Lys
 195 200 205
 Val Gln Lys Glu Asp Ile Glu Val Tyr Phe Thr Gly Pro Gly Trp Glu,
 210 215 220
 Ala Arg Gly Ser Phe Ser Gln Ala Asp Val His Arg Gln Val Ala Ile
 225 230 235 240
 Val Phe Arg Thr Pro Pro Tyr Ala Asp Pro Ser Leu Gln Ala Pro Val
 245 250 255
 Arg Val Ser Met Gln Leu Arg Arg Pro Ser Asp Arg Glu Leu Ser Glu
 260 265 270
 Pro Met Glu Phe Gln Tyr Leu Pro Asp Thr Asp Asp Arg His Arg Ile
 275 280 285
 Glu Glu Lys Arg Lys Arg Thr
 290 295

<210> 51
 <211> 293
 <212> PRT
 <213> human

<400> 51
 Gln Leu Pro Ser His Ser Gly Pro Tyr Glu Leu Arg Ile Glu Val Gln
 1 5 10 15
 Pro Lys Ser His His Arg Ala His Tyr Glu Thr Glu Gly Ser Arg Gly
 20 25 30
 Ala Val Lys Ala Ser Ala Gly Gly His Pro Ile Val Gln Leu His Gly
 35 40 45
 Tyr Leu Glu Asn Glu Pro Leu Met Leu Gln Leu Phe Ile Gly Thr Ala
 50 55 60
 Asp Asp Arg Leu Leu Arg Pro His Ala Phe Tyr Gln Val His Arg Ile
 65 70 75 80
 Thr Gly Lys Thr Val Ser Thr Thr Ser His Glu Ala Ile Leu Ser Asn
 85 90 95
 Thr Lys Val Leu Glu Ile Pro Leu Leu Pro Glu Asn Ser Met Arg Ala
 100 105 110
 Val Ile Asp Cys Ala Gly Ile Leu Lys Leu Arg Asn Ser Asp Ile Glu
 115 120 125

23

Leu Arg Lys Gly Glu Thr Asp Ile Gly Arg Lys Asn Thr Arg Val Arg
 130 135 140
 Leu Val Phe Arg Val His Val Pro Gln Pro Ser Gly Arg Thr Leu Ser
 145 150 155 160
 Leu Gln Val Ala Ser Asn Pro Ile Glu Cys Ser Gln Arg Ser Ala Gln
 165 170 175
 Glu Leu Pro Leu Val Glu Lys Gln Ser Thr Asp Ser Tyr Pro Val Val
 180 185 190
 Gly Gly Lys Lys Met Val Leu Ser Gly His Asn Phe Leu Gln Asp Ser
 195 200 205
 Lys Val Ile Phe Val Glu Lys Ala Pro Asp Gly His His Val Trp Glu
 210 215 220
 Met Glu Ala Lys Thr Asp Arg Asp Leu Cys Lys Pro Asn Ser Leu Val
 225 230 235 240
 Val Glu Ile Pro Pro Phe Arg Asn Gln Arg Ile Thr Ser Pro Val His
 245 250 255
 Val Ser Phe Tyr Val Cys Asn Gly Lys Arg Lys Arg Ser Gln Tyr Gln
 260 265 270
 Arg Phe Thr Tyr Leu Pro Ala Asn Gly Asn Ala Ile Phe Leu Thr Val
 275 280 285
 Ser Arg Glu His Glu
 290

<210> 52
 <211> 293
 <212> FRT
 <213> Mouse

<400> 52
 Pro Leu Ser Asn Gln Ser Gly Ser Tyr Glu Leu Arg Ile Glu Val Gln
 1 5 10 15
 Pro Lys Pro His His Arg Ala His Tyr Glu Thr Glu Gly Ser Arg Gly
 20 25 30
 Ala Val Lys Ala Pro Thr Gly Gly His Pro Val Val Gln Leu His Gly
 35 40 45
 Tyr Met Glu Asn Lys Pro Leu Gly Leu Gln Ile Phe Ile Gly Thr Ala
 50 55 60
 Asp Glu Arg Ile Leu Lys Pro His Ala Phe Tyr Gln Val His Arg Ile
 65 70 75 80
 Thr Gly Lys Thr Val Thr Thr Ser Tyr Glu Lys Ile Val Gly Asn
 85 90 95
 Thr Lys Val Leu Glu Ile Pro Leu Glu Pro Lys Asn Asn Met Arg Ala
 100 105 110

NOV 10 2004 14:11 FR ROPES AND GRAY

TO 1169000000091571 P.25

24

Thr Ile Asp Cys Ala Gly Ile Leu Lys Leu Arg Asn Ala Asp Ile Glu
115 120 125

Leu Arg Lys Gly Glu Thr Asp Ile Gly Arg Lys Asn Thr Arg Val Arg
130 135 140

Leu Val Phe Arg Val His Val Pro Glu Pro Ser Gly Arg Ile Val Ser
145 150 155 160

Leu Gln Ala Ala Ser Asn Pro Ile Glu Cys Ser Gln Arg Ser Ala His
165 170 175

Glu Leu Pro Met Val Glu Arg Gln Asp Met Asp Ser Cys Leu Val Tyr
180 185 190

Gly Gly Gln Gln Met Ile Leu Thr Gly Gln Asn Phe Thr Ala Glu Ser
195 200 205

Lys Val Val Phe Met Glu Lys Thr Thr Asp Gly Gln Gln Ile Trp Glu
210 215 220

Met Glu Ala Thr Val Asp Lys Asp Lys Ser Gln Pro Asn Met Leu Phe
225 230 235 240

Val Glu Ile Pro Glu Tyr Arg Asn Lys Ile Arg Val Pro Val Lys
245 250 255

Val Asn Phe Tyr Val Ile Asn Gly Lys Arg Lys Arg Ser Gln Pro Gln
260 265 270

His Phe Thr Tyr His Pro Val Pro Ala Ile Lys Thr Glu Pro Ser Asp
275 280 285

Glu Tyr Glu Pro Ser
290

<210> 53

<211> 11

<212> DNA

<213> Unknown

<220>

<223> Description of Unknown Organism: enhancer capable
of binding to an NF-AT complex

<400> 53

aagaggaaaa a

11

<210> 54

<211> 20

<212> DNA

<213> Unknown

<220>

<223> Description of Unknown Organism: putative NF-AT
binding site

<400> 54

gaaaggagga aaaaactgttt

20

NOV 10 2004 14:11 FR ROPES AND GRAY

TO 1169000000091571 P.26

25

<210> 55
<211> 20
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: putative NF-AT binding site

<400> 55
ccaaagagga aaatttgttt

20

<210> 56
<211> 20
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: putative NF-AT binding site

<400> 56
cagaagagga aaaaatgaagg

20

<210> 57
<211> 20
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: putative NF-AT binding site

<400> 57
tccaggagaa aaaatgcctc

20

<210> 58
<211> 20
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: putative NF-AT binding site

<220>
<221> modified_base
<222> (9)
<223> i

<400> 58
aaaacttng aaaaatacgtt

20

<210> 59
<211> 20
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: putative NF-AT binding site

<400> 59
taaaggagag aacaccagct

20

<210> 60
<211> 20
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: putative NF-AT
binding site

<400> 60
gcaggggtggg aaaggccttt

20

<210> 61
<211> 29
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: end-labeled
binding site for NF-AT

<400> 61
ggaggaaaaa ctgttcatac agaagggt

29

<210> 62
<211> 31
<212> DNA
<213> Unknown

<220>
<223> Description of Unknown Organism: mutant NF-AT
probe

<400> 62
aagaaaggag taaaaaattt ttaatacaga a

31